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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/040,953
	Filing Date	1/5/02
	First Named Inventor	Steven Teig
	Group Art Unit	2825
	Examiner Name	A. Liu
Total Number of Pages in This Submission	Attorney Docket Number	SPLX.P0024

Enclosures (Check all that apply)		
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm Or Individual name	Mani Adeli, Reg. No. 39,585 of Stattler Johansen & Adeli LLP
Signature	
Date	November 17, 2003

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PATENT
Docket No. SPLX.P0024

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Marie Adeli

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Steven Teig

Serial No.: 10/040,953

Filing Date: 1/5/02

For: LP METHOD AND APPARATUS FOR
IDENTIFYING ROUTE
PROPAGATIONS

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**INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. § 1.97**

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Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, applicants submit with this Information Disclosure Statement the attached Form PTO-1449, and copies of the documents listed in the 1449 form for consideration by the Examiner. The Examiner is requested to make these documents of record. Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

11/24/2003 MNEKONEH 00000095 10040953

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This Information Disclosure Statement under 37 C.F.R. § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

This Information Disclosure Statement is submitted after receipt of a first Office Action on the merits but before the Final Office Action. Accordingly, a fee is required. The requisite fee is attached.

However, in the unlikely event that the Patent Office determines that additional fees, extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 50-1128** referencing SPLX.P0024. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: November 17, 2003

Respectfully submitted,

By: 

Mari Adeli

Registration No. 39,585

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Phone No. (650) 752-0990 x102
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Substitute for form 1449A/PTO				Application Number	10/040,953
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Filing Date	1/5/02
				First Named Inventor	Steven Teig
				Group Art Unit	2825
				Examiner Name	A. Liu
Sheet	1		7	Attorney Docket Number	SPLX.P0024

U.S. PATENT DOCUMENTS						
Examiner* Initials	Cite No. ¹	U.S. Patent Document		Date of Publication MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	1.	2001/0009031	A1	07-19-2001	Nitta et al.	
	2.	2002/0182844	A1	12-05-2002	Igarashi et al.	
	3.	2003/0005399	A1	01-02-2003	Igarashi et al.	
	4.	4,593,363		06-03-1986	Burstein et al.	
	5.	5,267,176		11-30-1993	Antreich et al.	
	6.	5,566,078		10-15-1996	Ding et al.	
	7.	5,587,923		12-24-1996	Wang	
	8.	5,618,744		04-08-1997	Suzuki et al.	
	9.	5,635,736		06-03-1997	Funaki et al.	
	10.	5,637,920		06-10-1997	Loo	
	11.	5,640,327		06-17-1997	Ting	
	12.	5,663,891		09-02-1997	Bamji et al.	
	13.	5,757,089		05-26-1998	Ishizuka	
	14.	5,784,289		07-21-1998	Wang	
	15.	5,798,936		08-25-1998	Cheng	
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	20.	6,128,767		10-03-2000	Chapman	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Filing Date	1/5/02
			First Named Invent r	Steven Teig
			Group Art Unit	2825
			Examiner Name	A. Liu
Sheet	2	7	Attorney Docket Number	SPLX.P0024

U.S. PATENT DOCUMENTS						
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	22.	6,209,123	B1	03-27-2001	Maziasz et al.	
	23.	6,219,832	B1	04-17-2001	Buzbee	
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	32.	6,327,693	B1	12-04-2001	Cheng et al.	
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	38.	6,473,891	B1	10-29-2002	Shively	
	39.	6,480,991	B1	11-12-2002	Cho et al.	
	40.	6,490,713	B2	12-03-2002	Matsumoto	
	41.	6,519,751	B2	02-11-2003	Sriram et al.	
	42.	6,543,043	B1	04-01-2003	Wang et al.	
	43.	6,546,540	B1	04-08-2003	Igarashi et al.	

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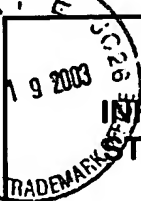
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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	Applicant Number		10/040,953		
	Filing Date		1/5/02		
	First Named Inventor		Steven Teig		
	Group Art Unit		2825		
	Examiner Name		A. Liu		
Sheet	3		7	Attorney Docket Number	SPLX.P0024

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U.S. PATENT DOCUMENTS

	44.	6,557,145	B2	04-29-2003	Boyle et al.	
	45.	6,567,967	B2	05-20-2003	Greidinger et al.	

FOREIGN PATENT DOCUMENTS

Examiner* Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code (if known)				
	46.	JP	411296560	A	Matsumoto et al.	10-29-1999	with English translation of Abstract;	
	47.	JP	2000-82743	A	Igarashi et al.	03-21-2000	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓
	48.	JP	H03-173471	A	Tawada et al.	07-26-1991	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓
	49.	JP	H05-243379	A	Masako Kubota	09-21-1993	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓
	50.	JP	H05-102305	A	Akihiro Sato	04-23-1993	with Japanese Patent Office's English translation of Abstract; and with English translation of the	✓

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				First Named Inventor	Steven Teig
				Group Art Unit	2825
				Examiner Name	A. Liu
Sheet	4		7	Attorney Docket Number	SPLX.P0024

FOREIGN PATENT DOCUMENTS							
						application.	
51.	JP	H07-86407	A	Shinpei Miura	03-31-1995	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓
52.	JP	H09-162279	A	Masaaki Yoshida	06-20-1997	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓

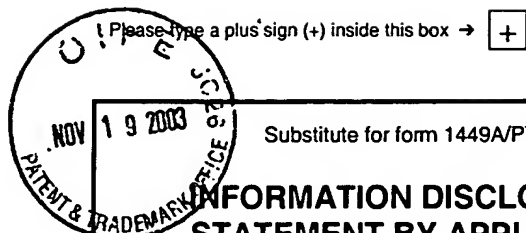
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Sheet	5	7	Attorney Docket Number	SPLX.P0024

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FOREIGN PATENT DOCUMENTS

NON PATENT LITERATURE DOCUMENTS

Examiner* Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	53.	Ahuja, R. et al., Faster Algorithms for the Shortest Path Problem, Journal of the Association for Computing Machinery, vol. 37, No. 2, April 1990, pp. 213-223.	
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	56.	Carothers, K., A Method of Measuring Nets Routability for MCM's General Area Routing Problems, 1999, pp. 186-192.	
	57.	Chen, H. et al., Physical Planning of On-Chip Interconnect Architectures, 2002, IEEE, International Conference, pp. 30-35.	
	58.	Cheng, K., Steiner Problem in Octilinear Routing Model, a Thesis Submitted for the Degree of Master of Science, National University Singapore, 1995, pp. 1-122.	
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	61.	Cong, J. et al., Performance-Driven Multi-Layer General Routing for PCB/MCM Designs, UCLA Computer Science Department, 1998, pp. 356-361.	
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	63.	Fang, S. et al., Constrained Via Minimization with Practical Considerations for Multi-Layer VLSI/PCB Routing Problems, 28 th ACM/IEEE Design Automation Conference, 1991, pp. 60-65.	
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	65.	Hong, X. et al., Performance-Driven Steiner Tree Algorithms for Global Routing, 30 th ACM/IEEE Design Automation Conference, 1993, pp. 177-181.	

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				Examiner Name	A. Liu
Sheet	6		7	Attorney Docket Number	SPLX.P0024

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FOREIGN PATENT DOCUMENTS

66.	Hu, J. et al., A Timing-Constrained Algorithm for Simultaneous Global Routing of Multiple Nets, IEEE/ACM International Conference on Computer Aided Design. ICCAD – 2000. IEEE/ACM Digest of Technical Papers (CAT. NO.00CH37140), Proceedings of International Conference on Computer Aided Design (ICCAD), San Jose, CA, USA, 5-9 Nov. 2000, pp.99-103.	
67.	Kastner, R. et al, Predictable Routing, IEEE/ACM International Conference on Computer Aided Design. ICCAD – 2000. IEEE/ACM Digest of Technical Papers (CAT. NO.00CH37140), Proceedings of International Conference on Computer Aided Design (ICCAD), San Jose, CA, USA, 5-9 Nov. 2000. pp. 110-113.	
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				Group Art Unit	2825
				Examiner Name	A. Liu
Sheet	7		7	Attorney Docket Number	SPLX.P0024

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